

029a  
305-0634

Errors Corrected by the STIC Systems Branch

1651  
10/12/2000

Serial Number: 09/631,709

CRF Processing Date: 10/12/2000  
Edited by: [Signature]  
Verified by: [Signature] (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☒ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING                      DATE: 10/12/2000  
 PATENT APPLICATION: US/09/631,709        TIME: 11:36:48

Input Set : A:\Pto.amc  
 Output Set: N:\CRF3\10122000\I631709.raw

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2 <110> APPLICANT: KYOWA HAKKO KOGYO CO., LTD.
4 <120> TITLE OF INVENTION: PROCESS FOR PRODUCING GDP-FUCOSE
W--> 0 <130> FILE REFERENCE:
C--> 6 <140> CURRENT APPLICATION NUMBER: US/09/631,709
C--> 7 <141> CURRENT FILING DATE: 2000-08-03
9 <160> NUMBER OF SEQ ID NOS: 8
11 <170> SOFTWARE: PatentIn Ver.2.0
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 33
15 <212> TYPE: DNA
16 <213> ORGANISM: Artificial Sequence
W--> 17 <220> FEATURE:
18 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
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23 <211> LENGTH: 20
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
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33 <212> TYPE: DNA
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41 <211> LENGTH: 25
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W--> 44 <220> FEATURE:
45 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
W--> 46 <400> SEQUENCE: 4
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49 <210> SEQ ID NO: 5
50 <211> LENGTH: 24
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
W--> 53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
W--> 55 <400> SEQUENCE: 5
56 caagaattct catgtttgac agct          24

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RAW SEQUENCE LISTING                      DATE: 10/12/2000  
PATENT APPLICATION:    US/09/631,709        TIME: 11:36:48

Input Set : A:\Pto.amc  
Output Set: N:\CRF3\10122000\I631709.raw

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61 <213> ORGANISM: Artificial Sequence
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63 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
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67 <210> SEQ ID NO: 7
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69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
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72 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
W--> 73 <400> SEQUENCE: 7
74 gtcacgcgata tgagtaaaca acgagtt          27
76 <210> SEQ ID NO: 8
77 <211> LENGTH: 25
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79 <213> ORGANISM: Artificial Sequence
W--> 80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
W--> 82 <400> SEQUENCE: 8
83 ataaactcga gagagacaag cggag          25
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VERIFICATION SUMMARY                      DATE: 10/12/2000.  
PATENT APPLICATION:    US/09/631,709        TIME: 11:36:49

Input Set : A:\Pto.amc  
Output Set: N:\CRF3\10122000\I631709.raw

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L:6 M:270 C: Current Application Number differs, Replaced Application Number  
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:17 M:283 W: Missing Blank Line separator, <220> field identifier  
L:19 M:283 W: Missing Blank Line separator, <400> field identifier  
L:26 M:283 W: Missing Blank Line separator, <220> field identifier  
L:28 M:283 W: Missing Blank Line separator, <400> field identifier  
L:35 M:283 W: Missing Blank Line separator, <220> field identifier  
L:37 M:283 W: Missing Blank Line separator, <400> field identifier  
L:44 M:283 W: Missing Blank Line separator, <220> field identifier  
L:46 M:283 W: Missing Blank Line separator, <400> field identifier  
L:53 M:283 W: Missing Blank Line separator, <220> field identifier  
L:55 M:283 W: Missing Blank Line separator, <400> field identifier  
L:62 M:283 W: Missing Blank Line separator, <220> field identifier  
L:64 M:283 W: Missing Blank Line separator, <400> field identifier  
L:71 M:283 W: Missing Blank Line separator, <220> field identifier  
L:73 M:283 W: Missing Blank Line separator, <400> field identifier  
L:80 M:283 W: Missing Blank Line separator, <220> field identifier  
L:82 M:283 W: Missing Blank Line separator, <400> field identifier

1651

RAW SEQUENCE LISTING                      DATE: 10/12/2000  
 PATENT APPLICATION: US/09/631,709        TIME: 11:11:57

Input Set : A:\766.37 crf.txt  
 Output Set: N:\CRF3\10122000\I631709.raw

3 <110> APPLICANT: KYOWA HAKKO KOGYO CO., LTD.  
 5 <120> TITLE OF INVENTION: PROCESS FOR PRODUCING GDP-FUCOSE  
 W--> 0 <130> FILE REFERENCE:  
 C--> 7 <140> CURRENT APPLICATION NUMBER: US/09/631,709  
 C--> 8 <141> CURRENT FILING DATE: 2000-08-03  
 10 <160> NUMBER OF SEQ ID NOS: 8  
 12 <170> SOFTWARE: PatentIn Ver.2.0

**Does Not Comply  
 Corrected Diskette Needed**

# ERRORED SEQUENCES

14 <210> SEQ ID NO: 1  
 15 <211> LENGTH: 33  
 16 <212> TYPE: DNA  
 17 <213> ORGANISM: Artificial Sequence  
 W--> 18 <220> FEATURE:  
 19 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
 W--> 20 <400> SEQUENCE: 1  
 E--> 21 ccgcaagatc tcgtaaaaag ggtatcgata agc  
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       24 <210> SEQ ID NO: 2  
       25 <211> LENGTH: 20  
       26 <212> TYPE: DNA  
       27 <213> ORGANISM: Artificial Sequence  
 W--> 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
 W--> 30 <400> SEQUENCE: 2  
 E--> 31 gagctgactg ggtgaaggc  
       32       20  
       34 <210> SEQ ID NO: 3  
       35 <211> LENGTH: 27  
       36 <212> TYPE: DNA  
       37 <213> ORGANISM: Artificial Sequence  
 W--> 38 <220> FEATURE:  
 39 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
 W--> 40 <400> SEQUENCE: 3  
 E--> 41 gaattctagaa tgtcaaaagt cgctctc  
       42       27  
       44 <210> SEQ ID NO: 4  
       45 <211> LENGTH: 25  
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       47 <213> ORGANISM: Artificial Sequence  
 W--> 48 <220> FEATURE:  
 49 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
 W--> 50 <400> SEQUENCE: 4  
 E--> 51 ctcaagctta tgactccagc gcgat  
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*33*

*same error*

*same*

*same*

RAW SEQUENCE LISTING                      DATE: 10/12/2000  
 PATENT APPLICATION: US/09/631,709        TIME: 11:11:57

Input Set : A:\766.37 crf.txt  
 Output Set: N:\CRF3\10122000\I631709.raw

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56 <212> TYPE: DNA
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E--> 61 caagaattct catgtttgac agct
62      24
64 <210> SEQ ID NO: 6
65 <211> LENGTH: 48
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
W--> 68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
W--> 70 <400> SEQUENCE: 6
E--> 71 cattctagac ctccttaatt cgcgaaaatg gatcgatacc ctttttac
72      48
74 <210> SEQ ID NO: 7
75 <211> LENGTH: 27
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
W--> 78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
W--> 80 <400> SEQUENCE: 7
E--> 81 gtcacgcgata tgagtaaaca acgagtt
82      27
84 <210> SEQ ID NO: 8
85 <211> LENGTH: 25
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
W--> 88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
W--> 90 <400> SEQUENCE: 8
E--> 91 ataaactcga gagagacaag cggag
92      25

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*Same  
 error*

VERIFICATION SUMMARY                      DATE: 10/12/2000  
PATENT APPLICATION:    US/09/631,709              TIME: 11:11:58

Input Set : A:\766.37 crf.txt  
Output Set: N:\CRF3\10122000\I631709.raw

L:0 M:201 W: Mandatory field data missing, FILE REFERENCE  
L:7 M:270 C: Current Application Number differs, Replaced Application Number  
L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:18 M:283 W: Missing Blank Line separator, <220> field identifier  
L:20 M:283 W: Missing Blank Line separator, <400> field identifier  
L:21 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:33 SEQ:1  
L:28 M:283 W: Missing Blank Line separator, <220> field identifier  
L:30 M:283 W: Missing Blank Line separator, <400> field identifier  
L:31 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:2  
L:38 M:283 W: Missing Blank Line separator, <220> field identifier  
L:40 M:283 W: Missing Blank Line separator, <400> field identifier  
L:41 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:3  
L:48 M:283 W: Missing Blank Line separator, <220> field identifier  
L:50 M:283 W: Missing Blank Line separator, <400> field identifier  
L:51 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:25 SEQ:4  
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L:60 M:283 W: Missing Blank Line separator, <400> field identifier  
L:61 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:5  
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L:71 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:48 SEQ:6  
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L:80 M:283 W: Missing Blank Line separator, <400> field identifier  
L:81 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:7  
L:88 M:283 W: Missing Blank Line separator, <220> field identifier  
L:90 M:283 W: Missing Blank Line separator, <400> field identifier  
L:91 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:25 SEQ:8